7th Grade Science

Friday, Oct. 13th 2011

Unit: Genetics

Objective / TEK:

7.14 (A,B,C)

**LSM-PE.5.1.2, LSM-PE.5.1.3, LSM-PE.5.2.1**

**LSM-PE.5.2.4, LSM-PE.5.2.5**

Lesson: Students will…..

Look up (on their Ipads) and sketch: Mitosis & Meiosis

And take notes over Mutations:

Mitosis produces identical cells, while meiosis produces unique cells. Crossover

during the prophase I stage of meiosis helps to ensure diversity of organisms that

sexually reproduce by producing cells that vary; in addition, meiosis produces

haploid cells.

Genetic mutations occur when DNA is altered during replication. DNA sequences

may be inserted into an existing DNA strand, deleted from an existing DNA strand, or

one sequence may be substituted for another in an existing DNA strand, all of which

result in a variance of traits.

Closure:

I will ask students for examples from the TEKS we have gone over and look at their sketches